



FILED

01/28/22
04:59 PM

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Application of San Diego Gas & Electric
Company (U 902 E) for Authority to
Implement Optional Pilot Program to Increase
Customer Access to Solar Generated
Electricity.

A.12-01-008
(Filed January 17, 2012)

And Related Matters.

A.12-04-020
(Filed April 24, 2012)

A.14-01-007
(Filed January 10, 2014)

**GREEN TARIFF SHARED RENEWABLES PROGRAM PROGRESS REPORT OF
PACIFIC GAS AND ELECTRIC COMPANY (U 39 E) FOR ACTIVITIES
OCCURRING OCTOBER 1, 2021 - DECEMBER 31, 2021**

TYSON R. SMITH
ASHLEY E. MERLO

Pacific Gas and Electric Company
77 Beale Street, B30A
San Francisco, CA 94105
Telephone: (925) 200-5819
Facsimile: (415) 973-5520
E-Mail: Ashley.Merlo@pge.com

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

Dated: January 28, 2022

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Application of San Diego Gas & Electric Company (U 902 E) for Authority to Implement Optional Pilot Program to Increase Customer Access to Solar Generated Electricity.

A.12-01-008
(Filed January 17, 2012)

And Related Matters.

A.12-04-020
(Filed April 24, 2012)

A.14-01-007
(Filed January 10, 2014)

**GREEN TARIFF SHARED RENEWABLES PROGRAM PROGRESS REPORT OF
PACIFIC GAS AND ELECTRIC COMPANY (U 39 E) FOR ACTIVITIES
OCCURRING OCTOBER 1, 2021 - DECEMBER 31, 2021**

Pursuant to Decision 15-01-051, Resolution E-5028, and Decision 21-12-036, Pacific Gas and Electric Company ("PG&E") files this program progress report (the "Report") on Green Tariff Shared Renewables ("GTSR") program activities occurring October 1, 2021 – December 31, 2021. The Report is attached as the Appendix to this pleading.

Respectfully submitted,

TYSON R. SMITH
ASHLEY E. MERLO

By: /s/ Ashley E. Merlo

ASHLEY E. MERLO

Pacific Gas and Electric Company
77 Beale Street, B30A
San Francisco, CA 94105
Telephone: (925) 200-5819
Facsimile: (415) 973-5520
E-Mail: Ashley.Merlo@pge.com

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

Dated: January 28, 2022

APPENDIX

GREEN TARIFF SHARED RENEWABLES PROGRAM PROGRESS REPORT OF PACIFIC GAS & ELECTRIC COMPANY FOR ACTIVITIES OCCURRING OCTOBER 1, 2021 - DECEMBER 31, 2021

Pursuant to Decision 15-01-051 (“Decision”), Pacific Gas & Electric (“PG&E”) files this report on Green Tariff Shared Renewables (“GTSR”) program activities occurring October 1, 2021 - December 31, 2021. On December 16, 2021, the CPUC approved Decision 21-12-036, which reinstated monthly issuance of this progress report (previously submitted quarterly pursuant to Resolution E-5028). Additional information is included in this report to comply with Ordering Paragraphs (OPs) 4 and 5 of D. 21-12-036. The Quarterly Enhanced Community Renewables (“ECR”) Contract Report is included as Attachment A in accordance with Resolution E-5028 and D. 21-12-036.¹

I. AVAILABLE CAPACITY DATA

The Decision requires “available capacity” data at the most detailed level feasible, updated monthly, to be reported with increasing precision over time.² The Decision sets a total capacity for PG&E’s GTSR program of 272 megawatts (“MW”) of generation facilities, of which 45 MW is reserved for facilities of no larger than 1 MW located in areas previously identified by the California Environmental Protection Agency (“CalEPA”) as the most impacted and disadvantaged communities (“Environmental Justice” or “EJ Reservation”). Separately, two capacity reservations of the GTSR program capacity are established: (1) 20 MW is reserved for the City of Davis,³ and (2) 45 MW is reserved for PG&E residential customers (which is PG&E’s portion of the 100 MW reservation for residential customers across all three Investor Owned Utilities (“IOUs”) mandated by Senate Bill (“SB”) 43).⁴

To help meet the intent of the original legislation to site projects close to load, PG&E established a sub-category in the solicitation called “Community Project,” which is included in the “Unrestricted” category below. For a project to have been eligible for this category, it must have been located in: (a) one of the 10 cities with top enrollment in the ClimateSmart program, (b) any city in the nine county Bay Area with a population over 50,000 people, or (c) any of the remaining cities in PG&E’s service area with a population over 50,000 people according to most recently available United States Census data. As described in Advice Letter 4780-E, filed January 22, 2016, PG&E procured two projects in this category totaling 6.25 MW.⁵

¹ Resolution, p. 53.

² Decision, p. 141.

³ *Id.*, pp. 4-5.

⁴ *Id.*, p. 5.

⁵ Advice Letter 4780-E, pp. 9-10 and Appendix E at p. 25.

Table 1 presents the current solar capacity procured specifically for the Green Tariff (“GT”) and ECR components of the GTSR program.

Table 1: Cumulative Procured Solar Capacity for Green Tariff and Enhanced Community Renewables

Category	Available Capacity (MW)	GT Procured (MW)	ECR Procured (MW)*	Remaining Capacity (MW)
Unrestricted <i>Other Community Projects</i>	207	50.75 44.50 6.25	3.65	152.60
EJ Reservation	45	2	0	43
City of Davis	20	0	0	20
Totals	272	52.75	3.65	215.60

* The MW procured in ECR decreased from 5.31 MW to 3.65 MW due to a contract termination.

Table 2 presents GTSR customer enrollment data, showing estimated customer capacity for GT and ECR by customer type. The methodology used in Table 2 converts actual consumption over the past 12 months in the program into a capacity figure. While this is an accurate representation of program capacity, it does not provide timely information about future enrollment capacity as it takes 12 months to fully capture the impact of a newly enrolled customer on enrollment capacity.

Due to a rate change on January 1, 2021, PG&E’s GT rate became a “discount” for most eligible rate schedules. This resulted in rapid enrollment among non-residential customers. In 2020, anticipating this possibility, PG&E developed a forward-looking capacity estimation methodology using the past 12 months usage of all currently enrolled customers, including customers who just recently enrolled. PG&E cannot know if currently enrolled customers will remain enrolled in the program or if their loads will change post-enrollment, but in order to ensure compliance with statutory program caps, a forward-looking capacity calculation is necessary. Table 3 shows the results of this alternate methodology from June 2021 through December 2021.

Table 2: Cumulative Estimated Megawatts (MW) of Customer Enrollment

Category	GT Enrolled (MW)	ECR Enrolled (MW)	Total by Customer Type
Residential Customers	15	0	15
Non-Residential Customers	174.2	0	174.2
Total by Program	189.2*	0	189.2*

*The numbers in the table above are rounded to the nearest decimal, therefore the **Total by Program** number may differ slightly from the Residential & Non-Residential components outlined in the table.

Table 3: Alternate GT Capacity Methodology Results (MW)

Category	June 2021	July 2021	Aug 2021	Sept 2021	Oct 2021	Nov 2021	Dec 2021
Residential Customers	17.2	18.7	18.5	17.9	17.4	17.0	16.7
Non- Residential Customers	209.7	209.3	209.0	207.3	203.7	199.6	196.7
Total by Program	226.9	228.0	227.5	225.2	221.1	216.6	213.4

II. PROCUREMENT ACTIVITIES

PG&E observed a significant increase in customer demand in the first three months of 2021. In an attempt to serve this customer demand, PG&E launched a Solar Choice competitive solicitation on May 3, 2021, to procure the remaining capacity in the Unrestricted and EJ Reservation categories, for a total of up to 193.94 MW. PG&E informed the Procurement Review Group on April 20, 2021 about its plans for this procurement. PG&E did not receive any bids that were below the solicitation bid cap and on that basis did not move forward with any offers. PG&E is planning to launch a Q1 2022 GTSR Request for Offers (“RFO”) that will include both Solar Choice and Enhanced Community Renewables, as prescribed in OP 17 of D. 21-12-036. PG&E will solicit at least the 176.15 MW to be online by the end of 2024, as prescribed in OP 3 of D. 21-12-036.

III. ADDITIONAL REPORTING PURSUANT TO D. 21-12-036

The CPUC ordered PG&E in OP 4 of D. 21-12-036 to “...file in its monthly Green Tariff Shared Renewables (GTSR) reports the information described in this decision on the cumulative number of oversubscribed customers, by class, and the level of borrowed Renewables Portfolio Standard energy and capacity to serve the oversubscribed customers.” “Oversubscribed” customers, as referenced in D. 21-12-036, are those customers whose load results in program capacity exceeding the 52.75 MW of dedicated resources PG&E has procured for the Green Tariff, or Solar Choice, program.

Table 4 indicates oversubscribed capacity - enrolled customers whose participation cause Solar Choice enrollment to exceed 52.75 MW - by rate schedule code and customer class in kW. Table 5 shows monthly dedicated resource generation subtracted from participant energy usage to yield interim resource pool needs, in MWh, on a monthly basis. Note that consumption data is more quickly available than dedicated resource generation data, and as such generation data will lag consumption data by one month.

Table 4: Oversubscribed Solar Choice Customers By Class & Load

Rate Schedule Code	Est Oversubscribed kW	Customer Class
HAGA1	1.3	Agricultural
HAGB	7.7	Agricultural
HAGC	31.0	Agricultural
	40.1	Agricultural Total
TC1	0.0	Commercial/Industrial
HA1X	0.8	Commercial/Industrial
HA10S	21.8	Commercial/Industrial
E19S	47.3	Commercial/Industrial
A1	48.0	Commercial/Industrial
B6	69.7	Commercial/Industrial
HA1	89.6	Commercial/Industrial
HB10P	220.0	Commercial/Industrial
B10S	330.2	Commercial/Industrial
B19P	411.3	Commercial/Industrial
SB19S	543.4	Commercial/Industrial
HE19S	1247.0	Commercial/Industrial
HB20P	1612.0	Commercial/Industrial
HB6	1898.5	Commercial/Industrial
B20S	2059.8	Commercial/Industrial
HB19P	2406.0	Commercial/Industrial
HB20S	4226.3	Commercial/Industrial
HB1	12938.4	Commercial/Industrial
HB10S	16314.8	Commercial/Industrial
B19S	25552.8	Commercial/Industrial
HB19S	79959.4	Commercial/Industrial
	149997.3	Commercial/Industrial Total
HE6	118.3	Residential
HETOUB	558.0	Residential
HEV2A	710.0	Residential
E1	794.4	Residential
HETOUC	1366.6	Residential
HETOUD	3194.8	Residential
HE1	3579.8	Residential
	10321.9	Residential Total

Table 5: 2021 Solar Choice Estimated Interim Resource Need (MWh)

	June	July	Aug	Sept	Oct	Nov	Dec
Customer Usage	51400	51400	56003	52106	45654	41267	46700
Dedicated Resource Generation	16265	14697	13458	10456	7705	6625	N/A
Interim Resource Need	35136	36702	42545	41650	37948	34642	N/A

IV. EXTERNAL ADVISORY BOARD

The Decision requires a summary of advisory group activities or consultation with community based organizations, if any. An Advisory Board (EAB) meeting was held on October 26, 2021.

Attendees included:

PG&E: Josh Harmon, Buba Jallow, John Pappas, and Jared Rist

California Public Utilities Commission (CPUC): Cherie Chan, Joshua Litwin

The EAB meeting included an update on current enrollment data, discussions of PG&E's and other Parties' (Joint CCA and CCSA) Petition for Modifications (PFM), and updates on procurement and marketing, as well as brief discussion on the DAC-GT and CS-GT programs.

ATTACHMENT A
QUARTERLY ENHANCED COMMUNITY RENEWABLES CONTRACTS
REPORT OF PACIFIC GAS & ELECTRIC COMPANY FOR ACTIVITIES
OCCURRING IN THE FOURTH QUARTER OF 2021

Pursuant to Decision 15-01-051 (“Decision”) Pacific Gas & Electric (“PG&E”) files this report on Green Tariff Shared Renewables (“GTSR”) activities in the Enhanced Community Renewables (“ECR”) program in the fourth quarter of 2021. The Decision requires participating utilities to file a quarterly ECR Contracts Report⁶ summarizing the ECR contracts to date, including information on diversity in ownership, location, transaction structure, and relevant documents associated with each Power Purchase Agreement (“PPA”).

The Decision sets a total capacity for PG&E’s GTSR program of 272 MW, with 45 MW reserved for facilities of no larger than 1 MW located in areas previously identified by the California Environmental Protection Agency (“CalEPA”) as the most impacted and disadvantaged communities (“Environmental Justice” or “EJ Reservation”) and 20 MW reserved for the City of Davis.⁷ Additionally, SB 43 mandates that 100 MW of the total 600 MW program capacity for all three IOUs be reserved for participation by residential customers.⁸ For PG&E, this reservation is set at 45 MW of the GTSR program capacity. To date, 52.75 MW have been procured under PG&E’s “Green Tariff” portion of its GTSR Program, 2 MW of which are located in designated Environmental Justice communities. To date, 3.65 MW have been procured under PG&E’s ECR portion of the GTSR Program, after termination of the Mahal PV project on July 9, 2021.

ECR Contracts

PG&E’s 2018 Winter ECR Request for Offers (“RFO”) was launched on November 13, 2018, and offers were received on December 13, 2018. PG&E provided notification to solicitation participants selected for continued participation on February 4, 2019, triggering the 60-day window to provide requisite demonstration of community interest and obtain a required Securities Opinion. Following selection notification, an RFO participant requested an extension from the Commission on their deadline for submittal of demonstration of community interest requirements citing PG&E’s bankruptcy status and the lack of ruling on the December 2017 filing. At the Commission’s request, PG&E submitted a letter in support of the extension on March 21, 2019, on behalf of that participant. The extension was approved on March 27, 2019, and delayed the deadline for demonstration of community interest until 60 days after Commission adoption of a Resolution on Advice Letter 3920-G/5206-E filed in December 2017. Notification of Commission approval on the Resolution was issued to participants of the 2018 Winter solicitation and all timelines were resumed. The winter solicitation target was 197.59 MW. As a result of the winter solicitation, two contracts were executed for a total of 3.65 MW. PG&E submitted a Tier 2 advice letter on February 5, 2021 and received CPUC approval on March 7, 2021. On July 9, 2021 PG&E received a termination notice from the 1.656 MW Mahal PV project which was the only other ECR contract executed in the ECR program, resulting from the Fall 2017 ECR RFO.

⁶ Decision, 142-143.

⁷ *Id.*, 4-5.

⁸ *Id.*, 5.

On October 15, 2020, PG&E's Fall 2020 ECR RFO was launched. The target for the solicitation was 193.94 MW. The deadline for offers was November 10, 2020. PG&E did not move forward with any offers received in this solicitation. PG&E will launch a Q1 2022 GTSR RFO that will include ECR and Solar Choice.